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NOTICE OF FILING/CLAIM FEE(S) DUE

TO ENSURE PROPER CREDIT OF FEES, PLEASE RETURN A COPY OF THIS
FEE CALCULATION SHEET WITH YOUR RESPONSE.

APPLICATION NUMBER: 81 927 939

Total Fee Calculation

	Fee Code	Total # Claims	Number Extra X	Fee	Fee =	Total
	Sm./Lg.			Sm. Entity	Lg. Entity	
Basic Filing Fee	<u>201/101</u>				<u>770</u>	
Total Claims >20	<u>203/103</u>	<u>50</u>	-20 = <u>30</u>	X	<u>660</u>	
Independent Claims >3	<u>202/102</u>	<u>25</u>	-3 = <u>22</u>	X	<u>1760</u>	
Mult. Dep Claim Present	<u>204/104</u>				<u>260</u>	
Surcharge	<u>205/105</u>				<u>130</u>	
English Translation	<u>139</u>					
TOTAL FEE CALCULATION						<u>3580</u>

Fees due upon filing the application:

Total Filing Fees Due = \$ 3580

Less Filing Fees Submitted - \$ 0

BALANCE DUE = \$ 3580

Office of Initial Patent Examination

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 1996

Application or Docket Number

8/927939

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
	NUMBER FILED	NUMBER EXTRA
Total Fee		
Claims	50 minus 20 =	* 30
Dependent Claims	25 minus 3 =	* 22
Multiple Dependent Claim Present	Yes	

Difference in column 1 is less than zero, enter "0" in column 2

	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
	RATE	FEE		RATE	FEE
		385.00	OR		
	x\$11=		OR		770.00
	x40=		OR	x\$22=	660
	+130=		OR	x80=	1760
			OR	+260=	260
			OR	TOTAL	3450

CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus	**
Independent	*	Minus	***

LAST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
	RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
	x\$11=		OR	x\$22=	
	x40=		OR	x80=	
	+130=		OR	+260=	
			OR	TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus	**
Independent	*	Minus	***

LAST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

	ADDITIONAL FEE		RATE	ADDITIONAL FEE	
	RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
	x\$11=		OR	x\$22=	
	x40=		OR	x80=	
	+130=		OR	+260=	
			OR	TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus	**
Independent	*	Minus	***

LAST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

	ADDITIONAL FEE		RATE	ADDITIONAL FEE	
	RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
	x\$11=		OR	x\$22=	
	x40=		OR	x80=	
	+130=		OR	+260=	
			OR	TOTAL ADDIT. FEE	

If in column 1 is less than the entry in column 2, write "0" in column 3.

Highest Number Previously Paid For IN THIS SPACE is less than 20, enter "20."

Highest Number Previously Paid For IN THIS SPACE is less than 3, enter "3."

Highest Number Previously Paid For (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 1997

Application or Docket Number

08/927939

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

SMALL ENTITY
TYPE

OTHER THAN
SMALL ENTITY

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE		
TOTAL CLAIMS	50 minus 20 =	* 30
INDEPENDENT CLAIMS	25 minus 3 =	* 22
MULTIPLE DEPENDENT CLAIM PRESENT	yes	

RATE	FEE
	395.00
x\$11=	
x41=	
+135=	
TOTAL	

RATE	FEE
	790.00
x\$22=	160
x82=	1804
+270=	270
TOTAL	3524

SMALL ENTITY

OTHER THAN
SMALL ENTITY

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	Minus	**	=
Independent * Minus *** =				

FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

RATE	ADDI- TIONAL FEE
x\$11=	
x41=	
+135=	
TOTAL ADDITIONAL FEE	

RATE	ADDI- TIONAL FEE
x\$22=	
x82=	
+270=	
TOTAL ADDITIONAL FEE	

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	Minus	**	=
Independent * Minus *** =				

FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

RATE	ADDI- TIONAL FEE
x\$11=	
x41=	
+135=	
TOTAL ADDITIONAL FEE	

RATE	ADDI- TIONAL FEE
x\$22=	
x82=	
+270=	
TOTAL ADDITIONAL FEE	

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	Minus	**	=
Independent * Minus *** =				

FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

RATE	ADDI- TIONAL FEE
x\$11=	
x41=	
+135=	
TOTAL ADDITIONAL FEE	

RATE	ADDI- TIONAL FEE
x\$22=	
x82=	
+270=	
TOTAL ADDITIONAL FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.